

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Ning LI, et al.) Group Art Unit: To Be Assigned
)
Application Number: To Be Assigned) Examiner: To Be Assigned
)
Filed: May 16, 2001)
)
For: DNA MARKERS FOR PIG LITTER SIZE

SUBMISSION OF SEQUENCE LISTING

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants submit herewith a paper copy of the Sequence Listing as filed in U.S. parent application number 09/329,796 filed June 10, 1999. The Sequence Listing in this application is identical to the Sequence Listing submitted in the parent application.

Applicants respectfully submit that it is unnecessary to file a computer readable form of the Sequence Listing, since it would be a duplicate of the computer readable form submitted in U.S. parent application number 09/329,796. Therefore, in accordance with 37 C.F.R. §1.821(e), no computer readable form is enclosed.

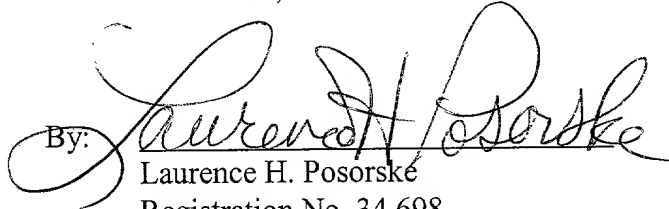
Applicants herewith request that the computer readable form submitted in U.S. parent application number 09/329,796 be used in this application. The undersigned certifies his belief that the computer readable form submitted in the parent application is identical in content to the paper copy of the Sequence Listing enclosed herewith.

It is believed that no fees are required for this submission; however, the Commissioner is authorized to charge any fee necessary for entry of this paper to Deposit Account 50-1640.

Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

May 16, 2001

By: 
Laurence H. Posorske
Registration No. 34,698

Brobeck, Phleger & Harrison LLP
Intellectual Property Department
1333 H Street, N.W., Suite 800
Washington, D.C. 20005
Tel: (202) 220-6000
Fax: (202) 220-5200
LHP:nej

SEQUENCE LISTING

<110> Ning LI
Changxin WU
Yaofeng ZHAO

<120> DNA MARKERS FOR PIG LITTER SIZE

<130> 064727.0104

<140> 09/329,796

<141> 1999-06-10

<150> 60/088,963

<151> 1998-06-10

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 291

<212> DNA

<213> Sus scrofa

<400> 1

ggagttcccc	gtcgtggcgc	agtgggttaac	gaatccgatt	aggaaccatg	aggttgcggg	60
ttcgggtccct	gcccttgctc	agtgggttaa	tgatccggcg	ttgcatgagc	tgtggtgtag	120
gttgcagacg	aggctcggat	ccccgcgttg	ctgtgggttc	tggcgtaggc	gggtggctac	180
agttttgatt	cgacccttag	cctgggaacc	tccatatgcc	gcggggagcg	ccaaagaaat	240
ggcaaaagac	gaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaacgtt	t	291

<210> 2

<211> 1181

<212> DNA

<213> Sus scrofa

<400> 2

ttggagtttc	catcgtgggc	gcaatgggta	acgaatcgac	taggaaccaa	gaggttgcgg	60
gttcgatccc	tggccttgct	cagtgggtta	aggatccagc	attgctgtga	gctgtggtgt	120
aggttacaga	cacagcttgg	atcccacgtt	gctgtggccc	tggcataggg	cgatggctac	180
agctctgatt	agacccttag	ccttggaacc	tccatatgcc	aaggagagcag	tccaagaaat	240
ggcaaaaaga	caaaaaaaaaa	agtttttctt	tttaaataaa	atgtttttaa	atgataatga	300
agggacaaat	atgatgatca	caattacttg	cttcagagta	atcctttaag	acagtcaatg	360
gcaatactct	ataaatattg	ctctgcttca	aaacattata	ttggagtttt	gaccataaat	420
atagttctac	tttgacaaaa	aaaaaaaaaa	ttgaggagga	gaataagaag	aaacgttttg	480
gagttccccg	tctgtggcga	gtgggttaaac	gaatccgatt	aggaaccatg	aggttgcggg	540
ttcgggtccct	gcccttgctc	agtgggttaa	tgatccggcg	ttgcatgagc	tgtggtgtag	600
gttgcagacg	aggctcggat	ccccgcgttg	ctgtgggttc	tggcgtaggc	gggtggctac	660
agttttgatt	cgacccttag	cctgggaacc	tccatatgcc	gcggggagcg	cccaaagaaa	720
tggcaaaaaga	cagaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaagaaacg	tttgttcaag	780
aaacaaagaa	ttaaagaaaa	ggaaaaggaa	ggaaaaccca	ctataggagt	aaaatgtgac	840
tggagaggat	gaatagacca	gttattcaag	gtttgggtcaa	cttacattac	gaatgtaatt	900

ctttggtttt ttcagttttt tacaggcctt aattgtttgg tttccacccc aagatgaagt 960
 cgctgcagtt ttgcttccta ttctgttgct ggaaagccat ctgctgcaat agctgtgagc 1020
 tgaccaacat caccatcaca gtggagaaag aggagtgtaa cttctgcata agcatcaaca 1080
 ccacgtggtg tgctggctat tgctacaccc gggtaggttc tttgctttgc tagaagtgag 1140
 ggtgctgaag gtctgtaaaa ggcgggcttt actaattccc c 1181

<210> 3
 <211> 19
 <212> DNA
 <213> Sus scrofa

<400> 3
 cctttaagac agtcaatgc 19

<210> 4
 <211> 20
 <212> DNA
 <213> Sus scrofa

<400> 4
 actggtctat tcatcctctc 20